KGD-600

Industrial Managed 6-Port Gigabit Ethernet Switch with 1 mini-GBIC Port

Product Highlights :

- Panel/Din-rail/Wall mountable
- Wide operating temperature range
- In-band management
- Optional Fiber connectivity
- 802.1Q Tagged VLAN support
- QoS WFQ support
- 802.1x authentication
- Compact design

Panel Mounting

Din-Rail Mounting

Top LED Display

Key Features :

- Provides 5 10/100/1000Mbps Gigabit Ethernet ports and 1 mini-GBIC port
- Provides in-band web-based management interface
- All copper ports support auto-negotiation and auto-MDI/MDI-X detection
- Supports 802.3x flow control for full-duplex and backpressure for half-duplex
- Provides port status, statistic monitoring and control function
- Provides full wire speed forwarding
- Supports port-based and 802.1Q Tag-based VLAN
- Provides QoS function
- Provies 802.1x authentication
- Supports configuration backup and upload
- Provides port mirroring function
- Provides redundant ring function
- Industrial-rated emission and immunity performance

Specifications :

Standard	IEEE 802.3, 802.3u, 802.3ab, 802.3x, 802.1Q
Network Ports	5 10/100/1000Mbps Gigabit copper ports Shielded RJ-45, auto-negotiation, auto-MDI/MDI-X support 1 1000Mbps mini-GBIC SFP port SFP supports standard SFP fiber transceiver installation
Network Cables	10/100Mbps : Cat.5 up to 100m, 1000Mbps : Cat.5e or higher up to 100m
MAC Address Table	8K entries
Buffer Memory	112KB
VLAN	Port based VLAN, 8021Q Tag-based VLAN
Port Link Aggregation	Trunking groups : 2 max., Ports/group : 2
QoS	4 priority queues, Classification : Port-based, 802.1p, IP DSCP
LED Indication	Display on both top and front panels Per unit : power Per copper port : 1000M, 100M,10M speed/link/activity status SFP port : 1000M speed/link/activity status, Optical link status
Management Support	Web browser software, management VLAN ID
Management Objects	System settings, port status/statistics, port control, VLAN, QoS, 802.1x, port mirroring, Firmware upgrade
7DC Power Input	Screwed Terminal Block : +5VDC~+30VDC DC IN Jack -D6.3mm/+D2.0mm, external power adapter rating +7.5V/1A
Power Consumption	3.6W max. @ +7.5V input

Power Terminal Block

EMI EMS Safety Environmental Tests:

Test	Standard	Specifications
FCC/EMI	FCC Rule Part 15	Class B
CE/EMC/EMI	EN55022, CISPR 22	Class B
CE/EMC/Harmonic	EN 61000-3-2	< 75 W
CE/EMC/VFF	EN 61000-3-3	Clause 5
CE/EMC/EMS	EN 55024	
ESD Test	IEC 61000-4-2	Contact:+/-8KV Air:+/-16KV
RS Test	IEC 61000-4-3	Strength:10V/m
EFT/BURST	IEC 61000-4-4	+/-4KV
Surge Immunity	IEC 61000-4-5	Power:4KV
CS Test	IEC 61000-4-6	Level 3
Magnetic Field Imm.	IEC 61000-4-8	50Hz 40A/m
Voltage Dips Imm.	IEC 61000-4-11	Interruption : C Dips : B
Safety	EN 60950, IEC 60950	
Dielectric Voltage	IEEE 802.3	TP, 1500VAC/60sec.
Insulation Resistance	IEEE 802.3	TP, 500VDC/10Mohm
Cold Test	IEC 68-2-1 Test Ad	-20˚C, 96hrs
Dry Heat Test	IEC 68-2-2 Test Bd	+74˚C 40%RH 96hrs
Damp Heat Test	IEC 68-2-3	+60˚C 90%RH 96hrs
Storage Test	IEC 68-2-48	-20˚C 96hrs +85˚C 40%RH 96hrs
Vibration Test	IEC 68-2-34	5~30Hz, 0.5g Operating
NEMA TS2 Vibration test	NEMA TS2-2003 Proc, 2.2.8.3~4	5~30Hz, 0.5g xYz, 1hr/axis
NEMA TS2 Shock test	NEMA TS2-2003 Proc, 2.2.9	Haif-sine pulse 10g, 11ms, ±xYz
NEMA TS2 Environment test	NEMA TS2-2003 Proc, 2.2.7.3~6	Temp: -34~+74˚C Humid: 0%~90% Power: +5V~+30V

FCC Part 15, Class B
CISPR 22 Class B

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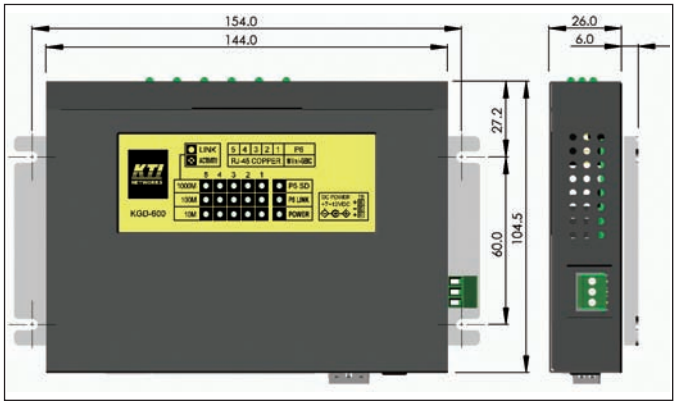
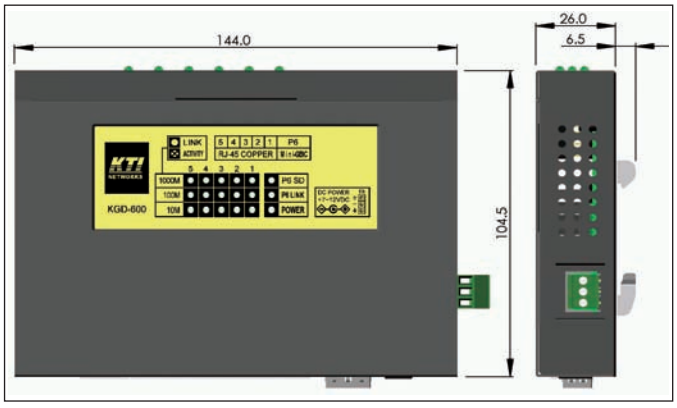
Dimension	144 x 104.5 x 26 mm (WxDxH)
Housing	Enclosed metal with no fan
Mounting Support	Screw Panel mounting, Din-rail mounting, Wall / desktop mounting
Environment	Operating temperature : -20˚C ~+74˚C Storage temperature : -20˚C ~85˚C Humidity : 10%~90%non-condensing
Approval	FCC Class B certificate CE mark /EMC Class B certificate EN60950 /IEC60950-1 safety NEMA TS2-2003 Environment tests

Fiber Optical Specifications :

Model	Connector	Fiber	Wavelength	Tx Power	Rx Sensitivity	Rx Max.	Distance
-SX	LC	62.5/125 MMF 50/125 MMF	850nm	-9.5~-4dBm	-18dBm	-1dBm	200m 500m
-LX	LC	MMF SMF	1310nm	-9.5~-3dBm	-20dBm	-3dBm	550m 10km
-LX20	LC	SMF	1310nm	-7~0dBm	-24dBm	-3dBm	20km



Dimension : Panel Mounting



Dimension : Din-Rail Mounting

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